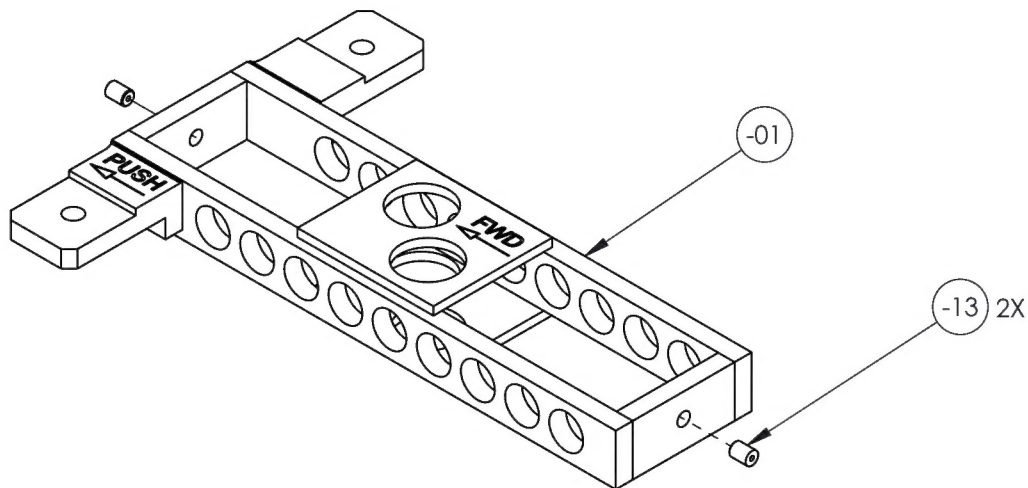


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	UPDATED TO NEW DRAFTING STANDARDS. <b>-01</b> IMPROVED GD&T. CH'D DIM WAS 2X Ø.183 P.F. <b>-13</b> IS 2X LIMITS Ø.1880-.1885 THRU ALL. CH'D FINISH SPEC WAS MIL-C-81562, TYPE I, CLASS I IS QQ-416F, TYPE II, CLASS II. <b>-03</b> REMOVED GD&T. DELETED DIMS 2X .05, 2.00, 5.33, CH'D DIM WAS 7.44 IS (7.44). <b>-05</b> CH'D DIM WAS .25 IS (.25). <b>-07</b> CH'D DIM WAS .12 IS (.12). <b>-09</b> CH'D DIM WAS .25 IS (.25). <b>-11</b> CH'D DIMS WAS .63 IS (.625), WAS 1.00 IS 1.13.	11/21/2014	DPD	JAG
2	15-0295	<b>-01</b> CH'D DIM 4.250 AND 2X .560 TO BASIC DIMENSIONS, ADDED FEATURE CONTROL FRAME TO 2X Ø.252 THRU DIM. CH'D DIM 2X Ø.1885-.1880 THRU ALL FEATURE CONTROL FRAME TARGET DIM WAS Ø.003 IS Ø.0065 AND ATTACHED DATUM B TO IT. ADDED 3/16 TEXT HT. TO MACHINE ENGRAVE NOTE. <b>-05</b> , <b>-07</b> , <b>-09</b> AND <b>-11</b> CH'D MATERIAL WAS 1018 IS A36. <b>-05</b> ADDED MISSING DIM 9X .38.	9/10/2015	RJC	JAG



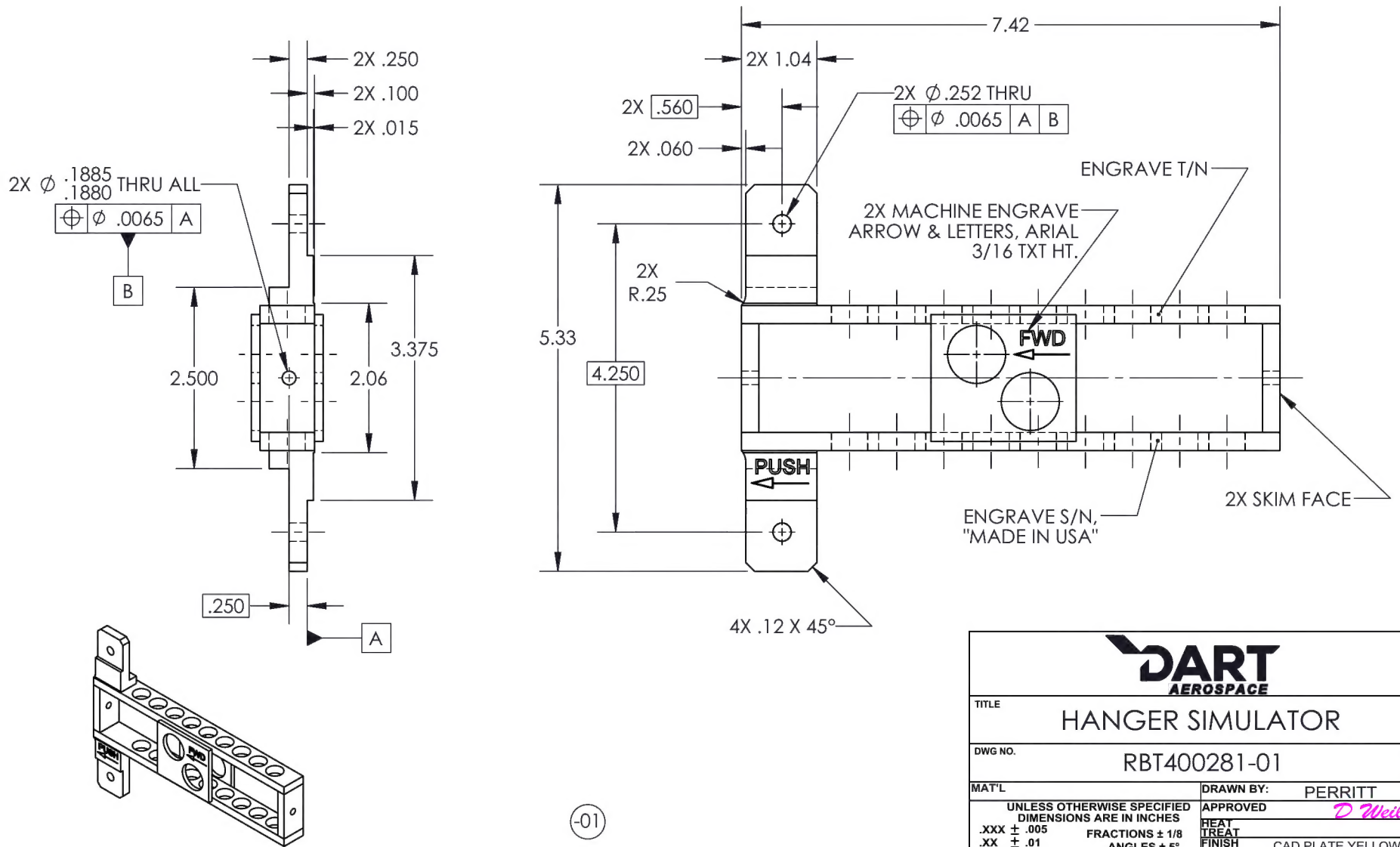
NOTE:  
RBT400281 REPLACES BELL T/N: 412-240-035-101.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
	X		-01	1	MACHINED WELDMENT			2
X	1		-03		WELDMENT			3
2			-05		SIDE	A36		4
2			-07		BRACE	A36		5
2			-09		END	A36		6
2			-11		MOUNT	A36		7
		B/O	-13	2	DRILL BUSHING	STEEL	Ø3/16 O.D. X .0595 I.D. X 1/4 (MCMASTER-CARR #8491A652)	1
ASSY -03	ASSY -01							

<b>DART</b> AEROSPACE	
TITLE <b>HANGER SIMULATOR</b>	
DWG NO. <b>RBT400281</b>	REV <b>2</b>
MAT'L UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1	DRAWN BY: <b>PERRITT</b> APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>BELL 412</b>
SCALE 1:2	DATE 10/19/2009
SHEET 1 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-01 IMPROVED GD&T. CH'D DIM WAS 2X Ø.183 P.F. -13 IS 2X LIMITS Ø.1880-.1885 THRU ALL. CH'D FINISH SPEC WAS MIL-C-81562, TYPE I, CLASS I IS QQ-416F, TYPE II, CLASS II.	11/21/2014	DPD	JAG
2	15-0295	-01 CH'D DIM 4.250 AND 2X .560 TO BASIC DIMENSIONS, ADDED FEATURE CONTROL FRAME TO 2X Ø.252 THRU DIM, CH'D DIM 2X Ø.1885-.1880 THRU ALL FEATURE CONTROL FRAME TARGET DIM WAS Ø.003 IS Ø.0065 AND ATTACHED DATUM B TO IT. ADDED 3/16 TEXT HT. TO MACHINE ENGRAVE NOTE.	9/10/2015	RJC	JAG

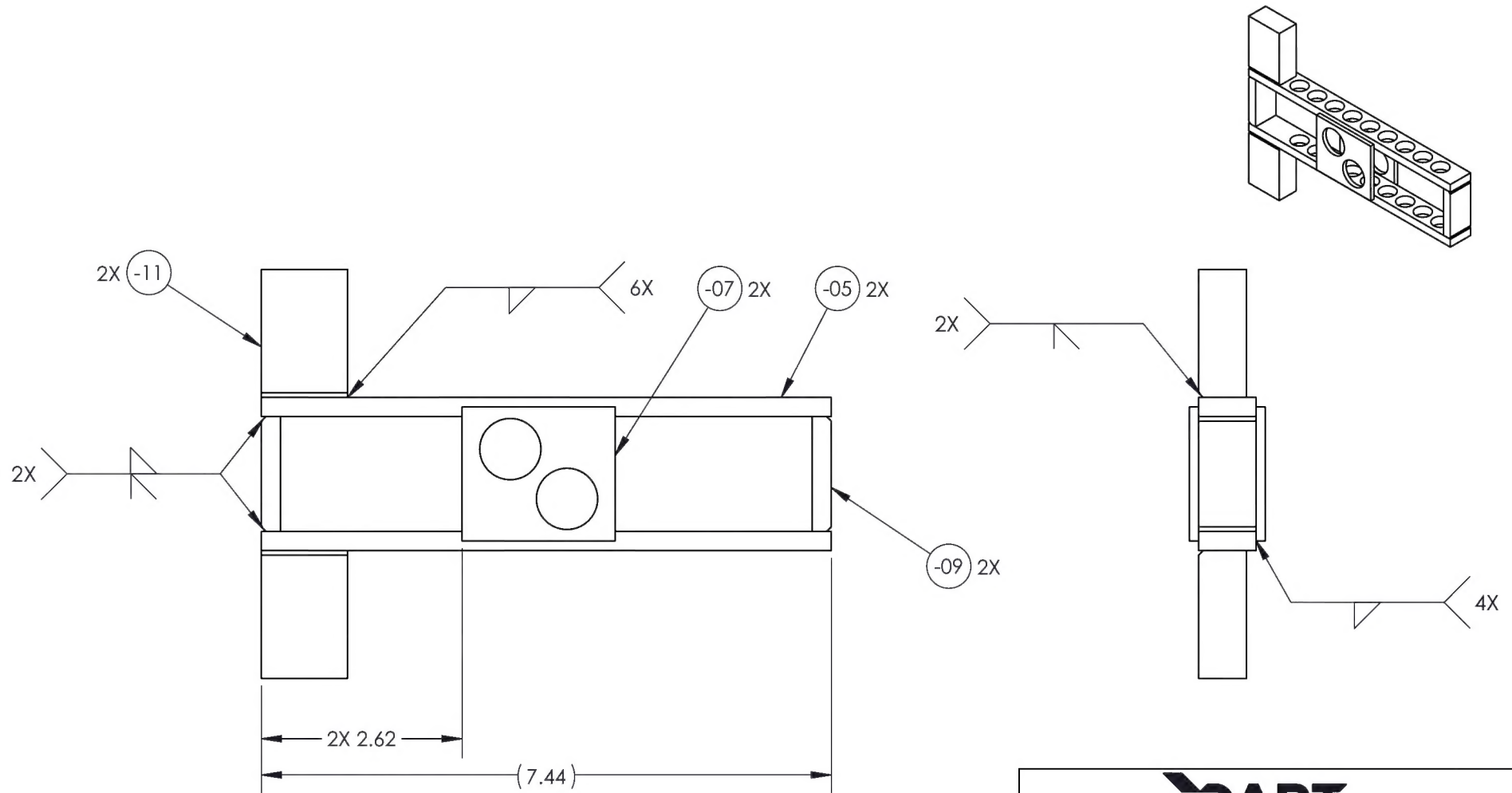


(-01)  
MACHINED WELDMENT

<b>DART AEROSPACE</b>	
TITLE <b>HANGER SIMULATOR</b>	
DWG NO. <b>RBT400281-01</b>	REV <b>2</b>
MAT'L <b>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1</b>	DRAWN BY: <b>PERRITT</b> APPROVED: <b>D Weil</b> HEAT TREAT FINISH <b>CAD PLATE YELLOW</b> SPEC <b>QQ-P-416, TYPE II, CLASS II</b>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>BELL 412</b>
SCALE <b>1:2</b>	DATE <b>10/19/2009</b>
SHEET 2 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-03 REMOVED GD&T. DELETED DIMS 2X .05, 2.00, 5.33. CH'D DIM WAS 7.44 IS (7.44).	11/21/2014	DPD	JAG

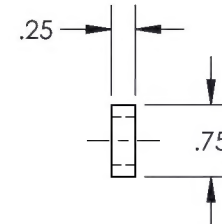
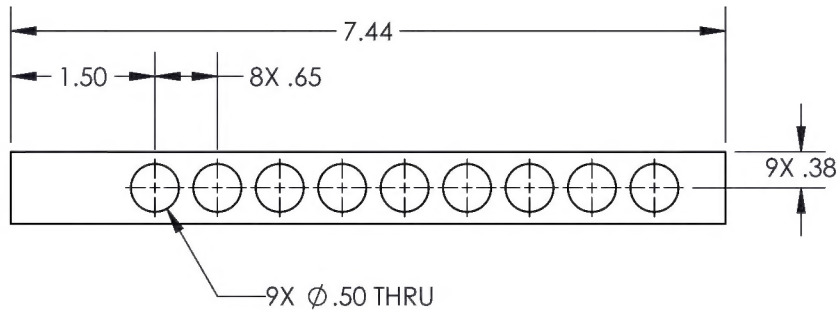
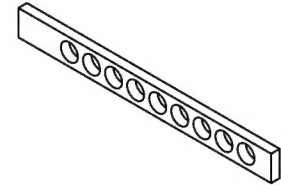


(-03)  
WELDMENT

<b>DART</b> AEROSPACE	
TITLE HANGER SIMULATOR	
DWG NO. RBT400281-03	REV 2
MAT'L	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT
.XX ± .01 ANGLES ± 5°	TREAT
.X ± .1	FINISH
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 412
SCALE 1:2	DATE 10/19/2009
	SHEET 3 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-05 CH'D DIM WAS .25 IS (.25).	11/21/2014	DPD	JAG
2	15-0295	-05 CH'D MATERIAL WAS 1018 IS A36, ADDED MISSING DIM 9X .38.	9/10/2015	RJC	JAG



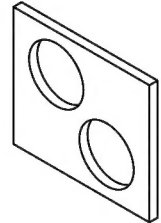
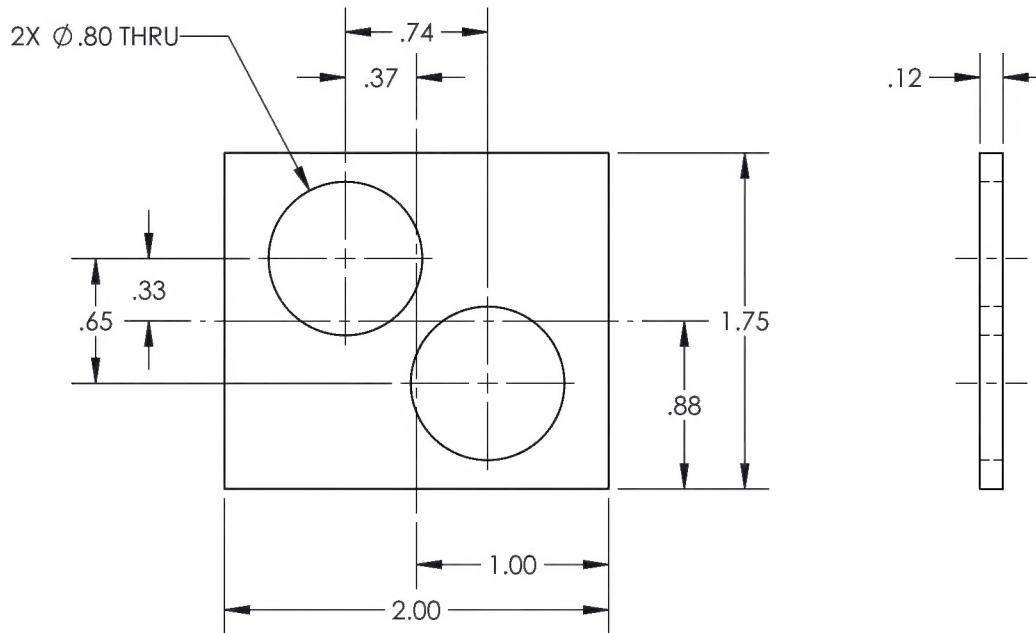
(-05)

SIDE

<b>DART</b> AEROSPACE	
TITLE HANGER SIMULATOR	
DWG NO. RBT400281-05	REV 2
MAT'L A36	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH SEE -01
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE 1:2	DATE 10/19/2009
SHEET 4 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-07 CH'D DIM WAS .12 IS (.12).	11/21/2014	DPD	JAG
2	15-0295	-07 CH'D MATERIAL WAS 1018 IS A36.	9/10/2015	RJC	JAG



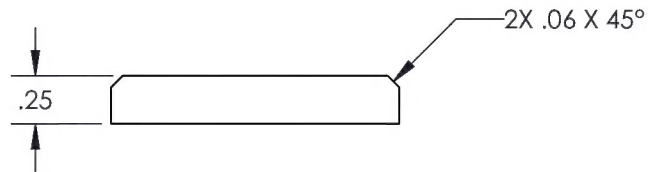
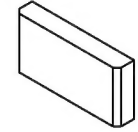
(-07)

BRACE

<b>DART</b> AEROSPACE	
TITLE HANGER SIMULATOR	
DWG NO. RBT400281-07	REV 2
MAT'L A36	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH SEE -01
.X ± .1	ANGLES ± 5°
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL BELL 412
SCALE 1:1	DATE 10/19/2009
SHEET 5 OF 7	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-09 CH'D DIM WAS .25 IS (.25).	11/21/2014	DPD	JAG
2	15-0295	-09 CH'D MATERIAL WAS 1018 IS A36.	9/10/2015	RJC	JAG



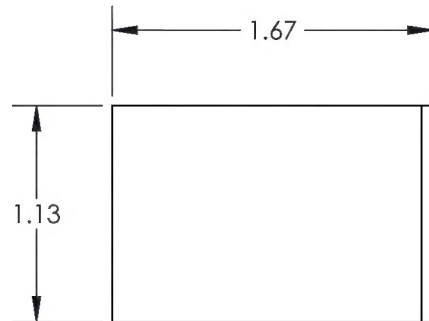
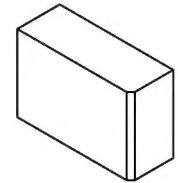
(-09)

END

<b>DART AEROSPACE</b>	
TITLE <b>HANGER SIMULATOR</b>	
DWG NO. <b>RBT400281-09</b>	REV <b>2</b>
MAT'L A36	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH SEE -01
.X ± .1	ANGLES ± .5°
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL
	BELL 412
SCALE 1:1	DATE 10/19/2009
	SHEET 6 OF 7

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1	14-0221	-11 CH'D DIMS WAS .63 IS (.625), WAS 1.00 IS 1.13.	11/21/2014	DPD	JAG
2	15-0295	-11 CH'D MATERIAL WAS 1018 IS A36.	9/10/2015	RJC	JAG



(-11)

MOUNT

<b>DART</b> AEROSPACE	
TITLE HANGER SIMULATOR	
DWG NO. RBT400281-11	REV 2
MAT'L A36	DRAWN BY: PERRITT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/8	HEAT TREAT
.XX ± .01 ANGLES ± .5°	FINISH SEE -01
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	BELL 412
SCALE 1:1	DATE 10/19/2009
SHEET 7 OF 7	